

Amendment to the Claims:

The listing of claims will replace all prior versions, and listings of claims in the application:

Listing of Claims:

1-37. Cancelled (Without disclaimer or prejudice).

38. (New) A locally distributed speech recognition system for converting spoken language of a user into digitized readable text, for a mobile communication device, comprising a preliminary phoneme recognition component located in said mobile communication device and a phoneme interpreting component located remote from said mobile communication device and connected via a transmission facility with said mobile communication device, wherein a re-transmission component for re-transmission of the digitized readable text back to the user is provided, said re-transmission component being connected to said interpreting component.

39. (New) A locally distributed speech recognition system as claimed in claim 38, wherein said digitized readable text is transmitted in a short message (SMS).

40. (New) A locally distributed speech recognition system according to claim 38, wherein the mobile communication device comprises a digital processing component connected to said preliminary recognition component.

41. (New) A locally distributed speech recognition system according to claim 38, wherein said preliminary recognition component comprises a neuronal network and /or a time delay neuronal network.

42. (New) A locally distributed speech recognition system according to claim 41, wherein said neuronal network is adaptive and interactive and/or comprises a modular structure.

43. (New) A locally distributed speech recognition system according to claim 38, wherein the preliminary recognition component and the interpreting component comprise a component for converting different codes into each other.

44. (New) A locally distributed speech recognition system according to claim 38, wherein the preliminary recognition component and the interpreting component comprise a storage component, to store coded phonemes for further processing.

45. (New) A locally distributed speech recognition system according to claim 38, wherein the interpreting component is directly connected to or included in a network.

46. (New) A locally distributed speech recognition system according to claim 38, wherein the interpreting component is remote in the network.

47. (New) A locally distributed speech recognition system according to claim 38, wherein the interpreting component comprises a word recognition component.

48. (New) A locally distributed speech recognition system according to claim 38, wherein the interpreting component comprises a grammar recognition component.

49. (New) A locally distributed speech recognition system according to claim 38, wherein the interpreting component comprises a syntax recognition component.

50. (New) A locally distributed speech recognition system according to claim 38, wherein the transmission facility is designed to transfer the data in accordance with a transfer protocol.

51. (New) A locally distributed speech recognition system according to claim 38, wherein the interpreting component uses a discrete hidden markov model for interpreting the received coded phonemes.

52. (New) An interpreting component for use in a locally distributed speech recognition system comprising an input for receiving digitally coded phonemes from a remote preliminary phoneme recognition component, an output for digital coded readable text, and a component for reinterpreting a first draft of a digitized readable text.

53. (New) A mobile communication device for the use in a locally distributed speech recognition system, comprising an acoustic coupler for converting an acoustic voice waveform into an electronic waveform, a preliminary recognizing component for extracting phonemes contained in said waveform, a converting component for generating a message containing the phonemes, and a transmitting component for transmitting said message, wherein there is provided a component for receiving text transferred from a remote interpreting component, a component for accepting and/or rejecting a text received from said remote interpreting component and a component for dispatching a message.

54. (New) A mobile communication device according to claim 53, wherein there is provided a component for retransmitting an amended readable text together with a rejection message.

55. (New) A mobile communication device according to claim 53, wherein said preliminary recognition component distinguishes vowels, consonants, intervals and probabilities.

56. (New) A mobile communication device according to claim 53, wherein said text is a short message used in telecommunication networks.

57. (New) A mobile communication device according to claim 53, comprising a digital signal processor.

58. (New) A method for operating a locally distributed speech recognition system for interpreting the speech of a user, with operations of:

- recognizing phonemes and intervals of speech;
- converting the phonemes and intervals into code;
- transferring the code into a remote interpreting component;
- interpreting the code to generate digitized readable text;
- transferring the digitized readable text back to the user;
- checking the digitized readable text by the user;
- accepting or rejecting said text by the user; and
- dispatching an acceptance or rejection signal to the interpreting component.

59. (New) A method according to claim 58, wherein said code is contained in a short message (SMS).

60. (New) A method according to claim 58, comprising at least one of:
supporting the recognizing a phoneme by digitally processing the waveform of the speech input;

- storing the code;
- counting the phonemes; and
- limiting the number of recognized phonemes to a predetermined amount.

61. (New) A method according to claim 58, comprising the operations of:
storing said digitized readable text;
after rejecting said digitized readable text:
dispatching a rejection signal;

receiving a rejection signal; and

re-Interpreting the code to generate a different digitized readable text.

62. (New) A method according to claim 58, comprising the operations:
after accepting the digitized readable text:

post-processing of the accepted digitized readable text by the user;

storing said post-processed digitized readable text.

63. (New) A method according to claim 58, further comprising the
operations of:

receiving and storing information related to an origin of the code for improving
the interpreting process;

receiving and storing accepted digitized readable text and/or post-processed
digitized readable text for enlarging the databases; and

processing stored data to improve an accuracy of the interpreting process.

64. (New) A method according to claim 58, further comprising one of:
dispatching said digitized readable text or said post-processed digitized
readable text by the user to a recipient; and

transferring a command from the user to the interpreting component for
dispatching an accepted digitized readable text to a recipient, and dispatching the
accepted digitized readable text to the recipient.

65. (New) A method for operating an interpreting component for use with a transmission facility and a remote mobile communication device, comprising the operations of:

- receiving code containing phonemes from said mobile communication device;
- interpreting the code to generate digitized readable text in accordance with predetermined rules;
- dispatching said digitized text to said mobile communication device;
- approving or rejecting the digitized readable text by the user; and
- receiving an approval or rejection message from the mobile communication device.

66. (New) A method according to claim 65, when rejection of the digitized readable text by the user occurs comprising the operations of:

- storing the information related to an origin of the code;
- receiving and storing at least one of the rejected, accepted or post processed digitized readable text; and
- processing of the stored information to improve the interpretation process;

67. (New) A method according to claim 58, wherein during interpretation, the code is processed in accordance with orthography, grammar, and/or syntax assessment.

68. (New) A method according to claim 58, wherein the interpretation, of the code is executed in accordance with orthography, grammar and syntax of a specific language selected by the user.

69. (New) A method according to claim 58, wherein the preliminary recognition component recognizes vowels, consonants, intervals and probabilities.

70. (New) A method according to claim 58, wherein the phoneme code is compressed prior to transmittal to the interpreting component.

71. (New) A method according to claim 65, wherein during interpretation the code is processed in accordance with orthography, grammar, and/or syntax assessment.

72. (New) A method according to claim 65, wherein the interpretation of the code is executed in accordance with orthography, grammar and syntax of a specific language selected by the user.

73. (New) A method according to claim 65, wherein the preliminary recognition component recognizes vowels, consonants, intervals and probabilities.

74. (New) A method according to claim 65, wherein the phoneme code is compressed prior to transmittal to the interpreting component.